

Directional Coupler

ZADC-ED11705/2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
200.0	0.05	55.40	25.31	36.61	36.61	23.69
400.0	0.07	49.67	24.04	32.26	34.15	22.61
800.0	0.10	44.26	25.35	30.71	32.26	20.44
1000.0	0.10	42.68	25.74	32.26	30.71	20.83
1150.0	0.11	41.84	26.04	30.71	29.42	20.83
1200.0	0.11	41.60	25.62	30.71	29.42	20.44
1250.0	0.11	41.38	25.74	30.71	28.30	20.44
1300.0	0.11	41.17	25.96	30.71	28.30	20.83
1350.0	0.12	40.98	25.85	29.42	28.30	20.44
1400.0	0.11	40.79	25.99	29.42	28.30	21.23
1450.0	0.12	40.63	25.97	29.42	27.32	21.23
1500.0	0.12	40.49	26.02	29.42	27.32	21.23
1550.0	0.12	40.35	26.62	29.42	28.30	21.66
1600.0	0.11	40.23	26.78	29.42	28.30	20.83
1650.0	0.12	40.13	27.05	28.30	28.30	21.23
1700.0	0.11	40.03	27.24	29.42	28.30	20.83
1750.0	0.12	39.96	27.89	30.71	29.42	20.08
1800.0	0.12	39.87	28.34	29.42	29.42	20.83
1850.0	0.12	39.82	29.27	30.71	30.71	20.44
1900.0	0.12	39.75	30.13	30.71	30.71	20.83
1950.0	0.13	39.70	31.69	30.71	32.26	21.23
2000.0	0.13	39.66	32.79	32.26	34.15	20.44
2050.0	0.14	39.62	35.47	32.26	34.15	21.23
2100.0	0.14	39.62	38.57	34.15	36.61	20.44
2150.0	0.15	39.59	45.42	36.61	40.09	20.44
2200.0	0.15	39.58	49.78	34.15	40.09	20.44
2250.0	0.15	39.58	40.84	40.09	40.09	20.08
2300.0	0.16	39.60	35.73	40.09	40.09	20.83
2350.0	0.16	39.61	32.23	36.61	40.09	20.83
2400.0	0.16	39.65	29.89	40.09	36.61	20.83
2450.0	0.17	39.67	27.58	36.61	34.15	21.66
2500.0	0.17	39.72	25.74	36.61	32.26	20.83
2550.0	0.17	39.75	23.90	36.61	30.71	21.23
2600.0	0.17	39.81	22.57	32.26	29.42	20.83
2650.0	0.17	39.87	21.33	32.26	28.30	20.44
2700.0	0.17	39.93	20.32	30.71	27.32	20.83
2750.0	0.18	40.03	19.18	28.30	27.32	20.08
2800.0	0.17	40.11	18.34	28.30	26.44	20.83
2850.0	0.18	40.22	17.29	26.44	25.66	20.44
2900.0	0.18	40.32	16.60	25.66	24.94	20.08
2950.0	0.18	40.46	15.77	25.66	24.29	20.83
3000.0	0.18	40.59	15.05	24.29	23.69	19.73
3050.0	0.18	40.76	14.12	23.69	23.13	20.08
3100.0	0.18	40.87	13.64	23.13	22.61	19.08
3150.0	0.19	41.06	12.88	22.61	22.12	18.78
3200.0	0.19	41.26	12.30	22.61	22.12	19.08
3250.0	0.19	41.46	11.59	22.12	21.66	18.78
3300.0	0.19	41.65	10.94	21.66	21.66	19.08
3350.0	0.20	41.87	10.50	21.66	21.23	19.40
3400.0	0.19	42.12	9.93	21.66	21.23	19.08
3500.0	0.20	42.68	8.87	21.23	21.66	18.49
3800.0	0.20	44.63	6.33	22.12	24.29	18.49
4000.0	0.21	46.11	4.58	23.69	26.44	17.21
4200.0	0.23	47.01	3.49	23.69	24.29	16.13